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Substitute for form 1449A/PTO (modified)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 3

Complete if Known	
Application Number	10/677,093
Filing Date	September 30, 2003
First Named Inventor	John Rudolph DESJARLAIS
Art Unit	1646
Examiner Name	Not Yet Assigned
Attorney Docket Number	33604/US/1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	U.S. Patent Document Number-Kind Code[2] (*if known*)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
SHS	A1	US 4,518,584	05-21-1985	Mark et al.	
	A2	US 4,588,585	05-13-1986	Mark et al.	
	A3	US 4,738,844	04-19-1988	Bell et al.	
	A4	US 4,738,845	04-19-1988	Bell et al.	
	A5	US 4,753,795	06-28-1988	Bell et al.	
	A6	US 4,758,428	07-19-1988	Mark et al.	
	A7	US 4,766,106	08-23-1988	Katre et al.	
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	A10	US 4,959,314	09-25-1990	Mark et al.	
	A11	US 5,055,289	10-08-1991	Frincke et al.	
	A12	US 5,382,657	01-17-1995	Karasiewicz et al.	
	A13	US 5,545,723	08-13-1996	Goelz et al.	
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	A31	US 2002/0119492 A1	08-29-2002	Chirino et al.	
	A32	US 2003/0022285 A1	01-30-2003	Chirino et al.	

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Sheet	2	of	3	Attorney Docket Number	33604/US/1

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SHS	A33	US 2003/0049654 A1	03-13-2003	Dahiyat et al.	
	A34	US 2003/0130827 A1	07-10-2003	Bentzien et al.	
	A35	US 2004/0043429 A1	03-04-2004	Dahiyat et al.	
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	A37	US 2004/0110226 A1	06-10-2004	Lazar et al.	
	A38	US 2004/0132101 A1	07-08-2004	Lazar et al.	
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	A40	US 2004/0230380 A1	11-18-2004	Chirino et al.	

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SHS	B1	EP 0 260 350 B1	03-23-1988	Cetus Corporation		
	B2	EP 0 529 300 B1	03-03-1993	Bioferon Biochem Substanz	With English Abstract	
	B3	EP 0 974 111 B1	01-26-2000	California Institute of Technology		
	B4	WO 98/47089 A1	10-22-1998	California Institute of Technology		
	B5	WO 98/48018 A1	10-29-1998	Fraunhofer-Gesellschaft Zur Forderung Der Angewandten Forschung E.V.		
	B6	WO 99/55377 A2, A3	11-04-1999	Applied Research Systems Ars Holding N.V.		
	B7	WO 00/23564 A2, A3	04-27-2000	Xencor, Inc		
	B8	WO 00/68387 A3	11-16-2000	Xencor Inc.		
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	B13	WO 02/085941 A2, A3	10-31-2002	Merck Patent GMBH		
	B14	WO 02/09766 A1	02-07-2002	Park et al.		
	B15	WO 02/36626 A1	05-10-2002	Maxygen APS		

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SHS	B16	WO 02/36628 A2, A3	05-10-2002	Maxygen APS		
	B17	WO 02/38170 A2, A3	05-16-2002	Chiron Corporation		
	B18	WO 03/014325 A2, A3	02-20-2003	Xencor		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[6]
SHS	C1	CHANG et al., "Evolution of a cytokine using DNA family shuffling", Nature Biotech, 1999, 17(8):793-797.	
	C2	OSUNA et al., "Improving a circularly permuted TEM-1 β-lactamase by directed evolution", Prot. Eng., 2002, 15(6):463-470.	
	C3	SANDERS et al., "Intersubunit circular permutation of human hemoglobin", Blood, 2002, 100(1):299-305.	

Examiner Signature	Shulamith H. Shafer	Date Considered	06/25/2006

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